

WHY UW?

300+ MERIT-BASED SCHOLARSHIPS OFFERED EACH YEAR TO CEAS STUDENTS

3.6  **AVERAGE UNWEIGHTED GPA** FOR INCOMING CEAS FRESHMAN

20:1 **STUDENT-FACULTY RATIO** 

54% PERCENTAGE OF UW STUDENTS WHO GRADUATE DEBT-FREE 

\$72,119 **AVERAGE STARTING SALARY** FOR CEAS GRADUATES

3  RESIDENCE HALL FLOORS WITH A COMPUTING LABORATORY ARE DESIGNATED FOR ENGINEERING STUDENTS ONLY

25+ **RECOGNIZED CEAS STUDENT ORGANIZATIONS**
GET INVOLVED IN TAU BETA PI (TBI), SOCIETY OF WOMEN ENGINEERS (SWE), SOCIETY OF PETROLEUM ENGINEERS (SPE), AMERICAN ASSOCIATION OF DRILLING ENGINEERS (AADE), INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS (IADC), AND MANY MORE!

Highly relevant programs that are tightly connected to industry needs – supported by outstanding faculty and research facilities.

CONTACT INFORMATION

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FIND GREAT STORIES ABOUT OUR STUDENTS, FACULTY AND STAFF!

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College of Engineering
and Applied Science

*BUCKING THE SYSTEM
SINCE 1886.*



College of Engineering
and Applied Science

**PETROLEUM
ENGINEERING**

uwyo.edu/petroleum

PETROLEUM ENGINEERING

INVOLVES ALL ASPECTS OF OIL EXPLORATION AND DEVELOPMENT, UPSTREAM AND DOWNSTREAM, FROM DRILLING AND COMPLETIONS TO IDENTIFYING AND CHARACTERIZING RESERVOIRS, AND ALL AREAS OF PRODUCTION.

Petroleum engineers also find new ways to extract oil and gas from older wells and employ new technology to uncover resources that just several years ago were unimaginable. UW offers courses that prepare students for careers in petroleum and energy-related fields. Our state-of-the-art equipment and facilities provide higher levels of research capabilities in all degree programs. In addition, our award-winning faculty create innovative and rigorous research and development opportunities for graduate study. Because of U.S. predominance in petroleum technology, career opportunities are available all over the world.

WHAT IS PETROLEUM ENGINEERING?

Petroleum engineering is based upon sound preparation in mathematics, physics, chemistry and geology. Petroleum engineers combine these fundamentals with computer programming, materials science, fluid mechanics and thermodynamics to develop and apply new technology to recover hydrocarbons from conventional and unconventional reservoirs, including oil shale, tight gas sands, tar sands and offshore oil and gas fields.

DID YOU KNOW?

\$156,780

AVERAGE ANNUAL SALARY FOR PETROLEUM ENGINEERS IN 2019



CUTTING-EDGE RESEARCH

RESEARCHERS STRIVE TO BRIDGE THE GAP BETWEEN FUNDAMENTALS OF POROUS MEDIA FLOW SYSTEMS AND THE NEEDS OF INDUSTRY.

JOBS

OUR GRADUATES ARE HIRED BY MAJOR INDUSTRY COMPANIES INCLUDING **BP, EXXONMOBIL, CHEVRON, HESS, SINCLAIR AND MANY OTHERS.**

CAREERS IN PETROLEUM ENGINEERING:

Petroleum engineers work in upstream and downstream oil and gas industries around the world as reservoir engineers, field engineers, drilling engineers, production engineers, and many other specialized roles. They play a critical role in extracting oil and gas and identifying opportunities to optimize production and profitability. The profession has evolved to solve increasingly difficult situations as conventional reservoirs have been depleted.

DEGREE PROGRAMS

Bachelor of Science
in Petroleum Engineering

BS/MS Quickstart
in Petroleum Engineering

Master of Science
in Petroleum Engineering

Dual MS/MBA
in Petroleum Engineering

Doctor of Philosophy
in Petroleum Engineering

*THE WORLD NEEDS MORE
OUTSIDE THINKERS.*

Find out more at uwyo.edu/petroleum

